

App. No.10/743,930
Attorney Docket 3016.2.3 NP

Amendments to the Claims

Claims 1 – 9 (canceled).

Claim 10 (previously presented). A vacuum head device for removal of liquid from a fabric, comprising:

a leading portion coupled to the device and configured to penetrate the fabric;

a trailing portion coupled to the device and configured to penetrate the fabric;

an extraction slot formed between the leading portion and trailing portion

wherein the leading portion includes a plurality of channels extending from a leading surface of the leading portion to a trailing surface of the leading portion, and the plurality of channels are configured to be in direct physical communication with the fabric when the device is in operation.

Claim 11 (previously presented). The vacuum head device of claim 10, wherein the cross section of the leading portion is V-shaped.

Claim 12 (previously presented). The vacuum head device of claim 10, wherein the cross section of the trailing portion is V-shaped.

Claim 13 (previously presented). The vacuum head device of claim 10, wherein the cross section of the leading portion is substantially circular.

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Claim 14 (previously presented). The vacuum head device of claim 10, wherein the cross section of the trailing portion is substantially circular.

Claim 15 (previously presented). The vacuum head device of claim 10, further comprising a plurality of contact points disposed between the channels configured to apply pressure to the fabric.

Claim 16 (previously presented). The vacuum head device of claim 10, wherein the fabric is carpet.

Claim 17 (previously presented). The vacuum head device of claim 10, wherein the leading portion is smaller than the trailing portion.

Claim 18 (previously presented). The vacuum head device of claim 10, wherein the trailing portion is configured to penetrate the fabric deeper than any other portion of the device.

Claim 19 (previously presented). The vacuum head device of claim 10, wherein the plurality of channels comprise generally rounded profiles.

Claim 20 (previously presented). The vacuum head device of claim 15, wherein the contact points are generally semi-circular.

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Claim 21 (previously presented). The vacuum head device of claim 10, wherein the leading portion comprises a rod-shaped member.

Claim 22 (previously presented). The vacuum head device of claim 10, wherein the trailing portion is a rod.

Claim 23 (previously presented). The vacuum head device of claim 10, wherein the extraction slot extends the entire width of the device.

Claim 24 (previously presented). The vacuum head device of claim 10, further comprising a sloping member configured to facilitate travel of the device across the fabric.

Claim 25 (previously presented). The vacuum head device of claim 10, wherein the leading portion is smaller than the trailing portion and the trailing portion is configured to penetrate the fabric deeper than any other portion of the device, wherein the device further comprises:

- a plurality of contact points disposed between the channels configured to apply pressure to the fabric, wherein the contact points are generally semi-circular and the channels are generally rounded; and
- a sloping member configured to facilitate travel of the device across the fabric.

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Claim 26 (previously presented). The vacuum head device of claim 25, wherein the leading portion and the trailing portion each form a V-shaped cross section.

Claim 27 (previously presented). The vacuum head device of claim 25, wherein the leading portion and the trailing portion each form a generally circular cross section.

Claim 28 (previously presented). The vacuum head device of claim 10, wherein the plurality of channels is formed with a generally rounded profile.

Claim 29 (previously presented). The vacuum head device of claim 10, wherein at least one of the plurality of channels is generally funnel shaped.

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Claim 30 (currently amended). A vacuum head device for removal of liquid from a fabric, comprising:

the first member coupled to the vacuum head device and configured to be proximate the fabric when in use;

a second member coupled to the vacuum head device proximate the first member and configured to penetrate the fabric;

an extraction slot defined by the first and second members, and configured to enable extraction of liquid from the fabric;

a first and a second contact point, each extending from the first member and each configured to be in direct physical communication with the fabric when the device is in operation, neither contact point on a line orthogonal to the first member; and

a channel between the first contact point and the second contact point, the channel configured to be in direct physical communication with the fabric when the device is in operation.

Claim 31 (previously presented). The vacuum head device of claim 30, further comprising a sloping member coupled to the device and configured to facilitate travel of the device across the fabric.

Claim 32 (previously presented). The vacuum head device of claim 30, wherein a cross-section of the second member is V-shaped.

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Claim 33 (previously presented). The vacuum head device of claim 30, wherein the channel is generally funnel-shaped.

Claim 34 (previously presented). The vacuum head device of claim 30, wherein a cross-section of the second member is generally circular.

Claim 35 (previously presented). The vacuum head device of claim 30, wherein the first and second contact points are generally semi-circular.

Claim 36 (previously presented). The vacuum head device of claim 32, wherein a cross section of the second member is generally V-shaped and wherein the first and second contact points are generally semi-circular.

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Claim 37 (currently amended). A vacuum head device for removal of liquids from a fabric, comprising:

the a trailing member coupled to the vacuum head device, configured to penetrate the fabric, and having a shape that substantially traverses an intended direction of use of the vacuum head device;

a leading member coupled to the leading trailing member thereby forming an extraction slot between the trailing member and the leading member, configured to penetrate the fabric, and having a shape that substantially traverses an intended direction of use of the vacuum head device; and

a channel extending through the leading member and configured to be in direct physical contact with the fabric when the vacuum head device is in operation, wherein the channel is oriented substantially parallel to a direction of use thereby permitting liquid in the fabric to traverse the leading member.

Claim 38 (previously presented). The vacuum head device of claim 37, further comprising a sloping member coupled to the device and configured to facilitate travel of the device across the fabric.

Claim 39 (previously presented). The vacuum head device of claim 37, wherein a cross-section of the trailing member is generally V-shaped.

Claim 40 (previously presented). The vacuum head device of claim 37, wherein the channel is generally rounded.

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Claim 41 (previously presented). The vacuum head device of claim 37, wherein a cross-section of the trailing member is generally circular.

Claim 42 (previously presented). The vacuum head device of claim 38, wherein a cross-section of the trailing member is generally V-shaped.

Claim 43 (previously presented). The vacuum head device of claim 38, wherein a cross-section of the trailing member is generally circular.

Claim 44 (previously presented). The vacuum head device of claim 38, wherein the channel is generally rounded.

Claim 45 (previously presented). The vacuum head device of claim 37, wherein the leading member is generally linear and the trailing member is generally linear.